

CBX-CBL/CD147 CONSTATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,  
(2) Russell Wayne Blacher,  
(3) Jose Ramon Corvalan,  
(4) Alan Rhodes Culwell,  
(5) Larry L. Green,  
(6) Joanna Hales,  
(7) Nancy Havrilla,  
(8) Vladimir E. Ivanov,  
(9) John A. Lipani,  
(10) Qiang Liu,  
(11) Richard F. Weber, and  
(12) Xiao-Dong Yang,

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000  
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.  
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of First Inventor C. Geoffrey Davis

First Inventor's signature \_\_\_\_\_

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 1132 Vancouver Avenue, Burlingame, CA 94010

Full name of Second Inventor Russell Wayne Blacher

Second Inventor's signature \_\_\_\_\_

Residence 16800 Columbia Drive, Castro Valley, CA 94552

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 16800 Columbia Drive, Castro Valley, CA 94552

Full name of Third Inventor José Ramon Corvalan

Third Inventor's signature \_\_\_\_\_

Residence 125 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of Fourth Inventor Alan Rhodes Culwell

Fourth Inventor's signature \_\_\_\_\_

3084 Rancho La Presa

92009

6-29-01

Date

Residence ~~290A Hemlock Avenue, Carlsbad, CA 92008~~

Citizenship \_\_\_\_\_

Post Office Address ~~290A Hemlock Avenue, Carlsbad, CA 92008~~

3084 Rancho La Presa

92009

Full name of Fifth Inventor Larry L. Green

Fifth Inventor's signature \_\_\_\_\_

Residence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature \_\_\_\_\_

Residence 5180 Selma Avenue, Fremont, CA 94536

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature \_\_\_\_\_

Residence 6 Marlin Cove, Oakland, CA 94618

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 6 Marlin Cove, Oakland, CA 94618

Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature \_\_\_\_\_

Residence 4275 Tanager Common, Fremont, CA 94555

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 4275 Tanager Common, Fremont, CA 94555

Full name of Ninth Inventor John Akkipani

Ninth Inventor's signature \_\_\_\_\_

Residence 2263 Latour Avenue, Livermore, CA 94550

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang Liu

Tenth Inventor's signature \_\_\_\_\_

Residence 55 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 55 Williams Lane, Foster City, CA 94404Full name of Eleventh Inventor Richard F. Weber

Eleventh Inventor's signature \_\_\_\_\_

Residence 2537 Pacheco Street, San Francisco, CA 94116

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of Twelfth Inventor Xiao-Dong Yang

Twelfth Inventor's signature \_\_\_\_\_

Residence 2833 Bryant Street, Palo Alto, CA 94306

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306

CBX-CBL/CD147 CONSTATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000  
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.  
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of First Inventor C. Geoffrey Davis

First Inventor's signature \_\_\_\_\_

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 1132 Vancouver Avenue, Burlingame, CA 94010

Full name of Second Inventor Russell Wayne Blacher

Second Inventor's signature \_\_\_\_\_

Residence 16800 Columbia Drive, Castro Valley, CA 94552

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 16800 Columbia Drive, Castro Valley, CA 94552

Full name of Third Inventor José Ramon Corvalan

Third Inventor's signature \_\_\_\_\_

6/29/2001

Date

Residence 125 Williams Lane, Foster City, CA 94404

Citizenship C&LE

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of Fourth Inventor Alan Rhodes Culwell

Fourth Inventor's signature \_\_\_\_\_

Residence 290A Hemlock Avenue, Carlsbad, CA 92008

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of Fifth Inventor Larry L. Green

Fifth Inventor's signature \_\_\_\_\_

Residence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature \_\_\_\_\_

Residence 5180 Selma Avenue, Fremont, CA 94536

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature \_\_\_\_\_

Residence 6 Marlin Cove, Oakland, CA 94618

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 6 Marlin Cove, Oakland, CA 94618

Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature \_\_\_\_\_

Residence 4275 Tanager Common, Fremont, CA 94555

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 4275 Tanager Common, Fremont, CA 94555

Full name of Ninth Inventor John Akipani

Ninth Inventor's signature \_\_\_\_\_

Residence 2263 Latour Avenue, Livermore, CA 94550

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang Liu

Tenth Inventor's signature \_\_\_\_\_

Residence 55 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 55 Williams Lane, Foster City, CA 94404Full name of Eleventh Inventor Richard F. Weber

Eleventh Inventor's signature \_\_\_\_\_

Residence 2537 Pacheco Street, San Francisco, CA 94116

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of Twelfth Inventor Xiao-Dong Yang

Twelfth Inventor's signature \_\_\_\_\_

Residence 2833 Bryant Street, Palo Alto, CA 94306

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306



CBX-CBL/CD147 CONSTATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000  
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.  
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of First Inventor C. Geoffrey Davis

First Inventor's signature \_\_\_\_\_

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

\_\_\_\_\_  
Date

Citizenship \_\_\_\_\_

Post Office Address 1132 Vancouver Avenue, Burlingame, CA 94010

Full name of Second Inventor Russell Wayne Blacher

Second Inventor's signature \_\_\_\_\_

Residence 16800 Columbia Drive, Castro Valley, CA 94552

\_\_\_\_\_  
Date

Citizenship \_\_\_\_\_

Post Office Address 16800 Columbia Drive, Castro Valley, CA 94552

Full name of Third Inventor Jose Ramon Corvalan

Third Inventor's signature \_\_\_\_\_

Residence 125 Williams Lane, Foster City, CA 94404

\_\_\_\_\_  
Date

Citizenship \_\_\_\_\_

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of Fourth Inventor Alan Rhodes Culwell

Fourth Inventor's signature \_\_\_\_\_

Residence 290A Hemlock Avenue, Carlsbad, CA 92008

\_\_\_\_\_  
Date

Citizenship \_\_\_\_\_

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of Fifth Inventor Larry L. Green

Fifth Inventor's signature \_\_\_\_\_

Residence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature \_\_\_\_\_

6/19/01  
Date

Residence 5180 Selma Avenue, Fremont, CA 94536

Citizenship \_\_\_\_\_

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature \_\_\_\_\_

Residence 6 Marlin Cove, Oakland, CA 94618

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 6 Marlin Cove, Oakland, CA 94618

Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature \_\_\_\_\_

Residence 4275 Tanager Common, Fremont, CA 94555

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 4275 Tanager Common, Fremont, CA 94555

Full name of Ninth Inventor John A. Lipani

Ninth Inventor's signature \_\_\_\_\_

Residence 2263 Latour Avenue, Livermore, CA 94550

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang Liu

Tenth Inventor's signature \_\_\_\_\_

Residence 55 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 55 Williams Lane, Foster City, CA 94404Full name of Eleventh Inventor Richard F. Weber

Eleventh Inventor's signature \_\_\_\_\_

Residence 2537 Pacheco Street, San Francisco, CA 94116

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of Twelfth Inventor Xiao-Dong Yang

Twelfth Inventor's signature \_\_\_\_\_

Residence 2833 Bryant Street, Palo Alto, CA 94306

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306

**CBX-CBL/CD147 CON****STATEMENT UNDER 37 C.F.R. § 1.68**

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000  
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.

That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

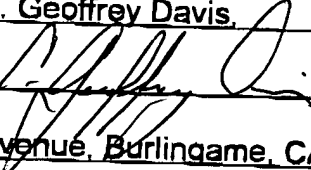
That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of First Inventor C. Geoffrey Davis  
First Inventor's signature  6/18/01  
Residence 1132 Vancouver Avenue, Burlingame, CA 94010  
Citizenship \_\_\_\_\_  
Post Office Address 1132 Vancouver Avenue, Burlingame, CA 94010

Full name of Second Inventor Russell Wayne Blacher  
Second Inventor's signature \_\_\_\_\_  
Residence 16800 Columbia Drive, Castro Valley, CA 94552  
Citizenship \_\_\_\_\_  
Post Office Address 16800 Columbia Drive, Castro Valley, CA 94552

Full name of Third Inventor Jose Ramon Corvalan  
Third Inventor's signature \_\_\_\_\_  
Residence 125 Williams Lane, Foster City, CA 94404  
Citizenship \_\_\_\_\_  
Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of Fourth Inventor Alan Rhodes Culwell  
Fourth Inventor's signature \_\_\_\_\_  
Residence 290A Hemlock Avenue, Carlsbad, CA 92008  
Citizenship \_\_\_\_\_  
Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of Fifth Inventor Larry L. Green

Fifth Inventor's signature \_\_\_\_\_

Residence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature \_\_\_\_\_

Residence 5180 Selma Avenue, Fremont, CA 94536

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 5180 Selma Avenue, Fremont, CA 94536Full name of Seventh Inventor Nancy HavrillaSeventh Inventor's signature Nancy HavrillaDate 20 Jun 2001Residence 6 Marlin Cove, Oakland, CA 94618

Citizenship \_\_\_\_\_

Post Office Address 6 Marlin Cove, Oakland, CA 94618Full name of Eighth Inventor Vladimir E. IvanovEighth Inventor's signature Vladimir IvanovDate June 20, 2001Residence 4275 Tanager Common, Fremont, CA 94555Citizenship RUSSIAPost Office Address 4275 Tanager Common, Fremont, CA 94555Full name of Ninth Inventor John A. Lipani

Ninth Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 2263 Latour Avenue, Livermore, CA 94550

Citizenship \_\_\_\_\_

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang Liu

Tenth Inventor's signature \_\_\_\_\_

Residence 55 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 55 Williams Lane, Foster City, CA 94404Full name of Eleventh Inventor Richard F. Weber

Eleventh Inventor's signature \_\_\_\_\_

Residence 2537 Pacheco Street, San Francisco, CA 94116

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of Twelfth Inventor Xiao-Dong Yang

Twelfth Inventor's signature \_\_\_\_\_

Residence 2833 Bryant Street, Palo Alto, CA 94306

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306



CBX-CBL/CD147 CONSTATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000  
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.  
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of First Inventor C. Geoffrey Davis

First Inventor's signature \_\_\_\_\_

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 1132 Vancouver Avenue, Burlingame, CA 94010

Full name of Second Inventor Russell Wayne Blacher

Second Inventor's signature \_\_\_\_\_

Residence 16800 Columbia Drive, Castro Valley, CA 94552

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 16800 Columbia Drive, Castro Valley, CA 94552

Full name of Third Inventor Jose Ramon Corvalan

Third Inventor's signature \_\_\_\_\_

Residence 125 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of Fourth Inventor Alan Rhodes Culwell

Fourth Inventor's signature \_\_\_\_\_

Residence 290A Hemlock Avenue, Carlsbad, CA 92008

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of Fifth Inventor Larry L. GreenFifth Inventor's signature Larry L. Green6/21/01  
DateResidence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Citizenship \_\_\_\_\_

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature \_\_\_\_\_

Residence 5180 Selma Avenue, Fremont, CA 94536

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 5180 Selma Avenue, Fremont, CA 94536Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature \_\_\_\_\_

Residence 6 Marlin Cove, Oakland, CA 94618

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 6 Marlin Cove, Oakland, CA 94618Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature \_\_\_\_\_

Residence 4275 Tanager Common, Fremont, CA 94555

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 4275 Tanager Common, Fremont, CA 94555Full name of Ninth Inventor John A. Lipani

Ninth Inventor's signature \_\_\_\_\_

Residence 2263 Latour Avenue, Livermore, CA 94550

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang Liu

Tenth Inventor's signature \_\_\_\_\_

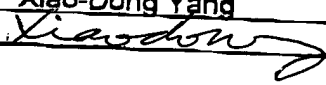
Residence 55 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 55 Williams Lane, Foster City, CA 94404Full name of Eleventh Inventor Richard F. WeberEleventh Inventor's signature 6/25/01  
DateResidence 2537 Pacheco Street, San Francisco, CA 94116

Citizenship \_\_\_\_\_

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of Twelfth Inventor Xiao-Dong YangTwelfth Inventor's signature 6/22/01  
DateResidence 2833 Bryant Street, Palo Alto, CA 94306

Citizenship \_\_\_\_\_

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306

CBX-CBL/CD147 CONSTATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000  
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.  
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of First Inventor C. Geoffrey Davis

First Inventor's signature \_\_\_\_\_

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 1132 Vancouver Avenue, Burlingame, CA 94010

Full name of Second Inventor Russell Wayne Blacher

Second Inventor's signature \_\_\_\_\_

Residence 16800 Columbia Drive, Castro Valley, CA 94552

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 16800 Columbia Drive, Castro Valley, CA 94552

Full name of Third Inventor Jose Ramon Corvalan

Third Inventor's signature \_\_\_\_\_

Residence 125 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of Fourth Inventor Alan Rhodes Culwell

Fourth Inventor's signature \_\_\_\_\_

Residence 290A Hemlock Avenue, Carlsbad, CA 92008

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of Fifth Inventor Larry L. Green

Fifth Inventor's signature \_\_\_\_\_

Residence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature \_\_\_\_\_

Residence 5180 Selma Avenue, Fremont, CA 94536

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 5180 Selma Avenue, Fremont, CA 94536Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature \_\_\_\_\_

Residence 6 Marlin Cove, Oakland, CA 94618

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 6 Marlin Cove, Oakland, CA 94618Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature \_\_\_\_\_

Residence 4275 Tanager Common, Fremont, CA 94555

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 4275 Tanager Common, Fremont, CA 94555Full name of Ninth Inventor John AgkipaniNinth Inventor's signature *John Agkipani*Residence 2263 Latour Avenue, Livermore, CA 94550Date 6/20/01

Citizenship \_\_\_\_\_

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang Liu

Tenth Inventor's signature \_\_\_\_\_

Residence 55 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 55 Williams Lane, Foster City, CA 94404Full name of Eleventh Inventor Richard F. Weber

Eleventh Inventor's signature \_\_\_\_\_

Residence 2537 Pacheco Street, San Francisco, CA 94116

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of Twelfth Inventor Xiao-Dong Yang

Twelfth Inventor's signature \_\_\_\_\_

Residence 2833 Bryant Street, Palo Alto, CA 94306

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306



CBX-CBL/CD147 CON

STATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000  
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.  
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of First Inventor C. Geoffrey Davis

First Inventor's signature \_\_\_\_\_

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 1132 Vancouver Avenue, Burlingame, CA 94010

Full name of Second Inventor Russell Wayne Blacher

Second Inventor's signature \_\_\_\_\_

Residence 16800 Columbia Drive, Castro Valley, CA 94552

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 16800 Columbia Drive, Castro Valley, CA 94552

Full name of Third Inventor José Ramon Corvalan

Third Inventor's signature \_\_\_\_\_

Residence 125 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of Fourth Inventor Alan Rhodes Culwell

Fourth Inventor's signature \_\_\_\_\_

Residence 290A Hemlock Avenue, Carlsbad, CA 92008

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of Fifth Inventor Larry L. Green

Fifth Inventor's signature \_\_\_\_\_

Residence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature \_\_\_\_\_

Residence 5180 Selma Avenue, Fremont, CA 94536

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 5180 Selma Avenue, Fremont, CA 94536Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature \_\_\_\_\_

Residence 6 Marlin Cove, Oakland, CA 94618

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 6 Marlin Cove, Oakland, CA 94618Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature \_\_\_\_\_

Residence 4275 Tanager Common, Fremont, CA 94555

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 4275 Tanager Common, Fremont, CA 94555Full name of Ninth Inventor John Akipani

Ninth Inventor's signature \_\_\_\_\_

Residence 2263 Latour Avenue, Livermore, CA 94550

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang LiuTenth Inventor's signature 7/3/01

Date

Residence 55 Williams Lane, Foster City, CA 94404

Citizenship \_\_\_\_\_

Post Office Address 55 Williams Lane, Foster City, CA 94404Full name of Eleventh Inventor Richard F. Weber

Eleventh Inventor's signature \_\_\_\_\_

Residence 2537 Pacheco Street, San Francisco, CA 94116

Date

Citizenship \_\_\_\_\_

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of Twelfth Inventor Xiao-Dong Yang

Twelfth Inventor's signature \_\_\_\_\_

Residence 2833 Bryant Street, Palo Alto, CA 94306

Date

Citizenship \_\_\_\_\_

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306

CBX-CBL/CD147 CON

STATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000  
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.  
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of First Inventor C. Geoffrey Davis

First Inventor's signature \_\_\_\_\_

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 1132 Vancouver Avenue, Burlingame, CA 94010

Full name of Second Inventor Russell Wayne Blacher

Second Inventor's signature \_\_\_\_\_

7/9/01

Date

Residence 16800 Columbia Drive, Castro Valley, CA 94552

Citizenship \_\_\_\_\_

Post Office Address 16800 Columbia Drive, Castro Valley, CA 94552

Full name of Third Inventor José Ramon Corvalan

Third Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 125 Williams Lane, Foster City, CA 94404

Citizenship \_\_\_\_\_

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of Fourth Inventor Alan Rhodes Culwell

Fourth Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 290A Hemlock Avenue, Carlsbad, CA 92008

Citizenship \_\_\_\_\_

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of Fifth Inventor Larry L. Green

Fifth Inventor's signature \_\_\_\_\_

Residence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature \_\_\_\_\_

Residence 5180 Selma Avenue, Fremont, CA 94536

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature \_\_\_\_\_

Residence 6 Marlin Cove, Oakland, CA 94618

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 6 Marlin Cove, Oakland, CA 94618

Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature \_\_\_\_\_

Residence 4275 Tanager Common, Fremont, CA 94555

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 4275 Tanager Common, Fremont, CA 94555

Full name of Ninth Inventor John Akkipani

Ninth Inventor's signature \_\_\_\_\_

Residence 2263 Latour Avenue, Livermore, CA 94550

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang Liu

Tenth Inventor's signature \_\_\_\_\_

Residence 55 Williams Lane, Foster City, CA 94404

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 55 Williams Lane, Foster City, CA 94404

Full name of Eleventh Inventor Richard F. Weber

Eleventh Inventor's signature \_\_\_\_\_

Residence 2537 Pacheco Street, San Francisco, CA 94116

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116

Full name of Twelfth Inventor Xiao-Dong Yang

Twelfth Inventor's signature \_\_\_\_\_

Residence 2833 Bryant Street, Palo Alto, CA 94306

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306